APPENDIX A

SOIL BORING LOGS AND WELL CONSTRUCTION DIAGRAMS

CDW Consultants, Inc.

BORING ID: GP1-7MW Project No.: 1830 Client: City of Waltham Total Depth: 20 ft 240 Beaver St Location: Logged By: AMS Date Started: 5/28/2019 Completed: 5/28/2019 Contractor: Crawford Ground El. Casing ID: Sheet #:

Remarks: 6610 DT Geoprobe

Ť.		Samp	le				Ē
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	40"	0		
-1					0.1	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry	
-2					2	(FILL)	
-3					0.0	tan to gray fine to silty fine SAND,	
-4					4	little medium sand with wood and glass; dry	
			5'		0.1		
-5	S2		5'	48"	6		
-6					6		
-7					0.1	black fine to silty fine SAND, trace medium sand, with broken glass, asphalt pieces, concrete pebbles; dry	
-8					8 8		
					0.3		
-9			10'		10		
-10	S3		10'	60"	10		
-11					0.9	See Above	
					12	Gee Above	
-12					12	Approximate Water Table	
-13					0.6	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
-14					14		
			15'		0.1		
-15	S4		15'		16		
-16					16		
-17					0.0	gray fine to silty fine SAND, trace medium sand,	
-18					18 18	trace coarse sand with silt lenses; wet	
-10							
-19			20'		20		
-20			2.0		20	End of Boring at 20 feet; No Refusal	
		Groundy	vater Mo	asure	ments	S Summary	
D	ate	Time				Measuring Point Overburden: Fill; Sand	
			,			Rock: NA	
						Well Depth: NA	
						Boring: 20'	

CDW Consultants, Inc.

Project No.: Total Depth:

1830.20 15'

Client: Location:

City of Waltham 240 Beaver St

BORING ID: GP3-1 Logged By:

Casing ID:

Date Started: 5/12/2022

Completed: 5/12/2022 Ground El.

Contractor: Sheet #:

AMS Soil Ex

Remarks:

6610 DT Geoprobe

E.		Samp	le		1	T	Ε
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	60"	0		
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand and gravel; dry (FILL)	
-2					2	VIEW	
-3					0.5	brown to black fine to silty fine SAND, black fine sand.	
-4			5'		4	ash layers; dry (FILL)	
-5	S2		5'	48"	0.1		
-6					6	black fine to medium SAND with ash and broken	
-7					0.9	with gravel and orange sand lenses; dry	
-8					8		
-9			10'		0.3	black tan fine to silty fine SAND,	
-10	S3		10'	60"	10	gray silt seams; moist	
-11					0.0	gray silty fine SAND, trace medium sand	
-12					12 12	moist to wet Approximate Water Table	
-13					0.0	gray fine to silty fine SAND, trace medium sand, trace coarse sand; wet	
-14			4 21		14 14		
-15	S4		15' 15'		0.1	End of Boring at 15 feet; No Refusal	
-16					15		
-17							
-18							
-19							
-20							
20							
L		Groundw					
D	ate	Time	Depth to	Ground	lwater	Measuring Point Overburden: Fill; Sand	
						Rock: NA	
			······································	~~~		Well Depth: NA	
	I.					Boring: 15'	

CDW Consultants, Inc.

AMS

Soil Ex

Project No.: 1830.20 Client: City of Waltham BORING ID: GP3-2 Total Depth: Logged By: Contractor: 15' Location: 240 Beaver St Completed: 5/12/2022 Date Started: 5/12/2022 Casing ID: Ground El. Sheet #:

Remarks: 6610 DT Geoprobe

£.	T	Samp	le		T		E
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	48"	0		
-1					0.1	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2		
-3					0.0	brown to black fine to silty fine SAND,	
-4			5'		4	layered broken brick, concrete, tan fine sand. ash layers; dry (FILL)	
-5	S2		5'	48"	0.1	note: building materials of pasty caulking, glass and metals pieces	
-6			ļ		6	Lizz race with a same with the	
-7					0.1	black fine to medium SAND with ash and broken with gravel and orange sand lenses; dry	
-8					8	[발생: 정말 : [[[[[[[[[[[[[[[[[[
-9					0.3	black tan fine to slity fine SAND,	
			10'		10	gray silt seams; moist	
-10	S3		10'	60"	10		
-11					0.9	gray silty fine SAND, trace medium sand moist to wet	
-12					12	Approximate Water Table	
-13			*********		0.6	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; wet	
-14			4 5 1		14 14		
-15	S4		15' 15'		0.1 15	End of Boring at 15 feet; No Refusal	
-16					15		
-17							
-18							
-19							
-20							i
l		Groundy	ater Me	asure	ments	Summary	
D	ate					Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth: 1830.20

Client: Location: City of Waltham 240 Beaver St

BORING ID: GP3-3

Date Started: 5/12/2022

15'

Completed: 5/12/2022 Ground El.

Logged By: Contractor: Sheet #:

AMS Soil Ex

Casing ID: Remarks:

6610 DT Geoprobe

Sample Depth (Feet) Well Diagram PID Hdspace (ppmv) Type & Num. Recovery Depth Range Blows per 6 Inches **Sample Description** S1 42" 0 0' 0 tan to brown fine SAND, little coarse sand 0.1 -1 trace medium sand and gravel; dry (FILL) -2 1.4 -3 brown to black fine to silty fine SAND, black coarse sand with crushed brick -4 dry (FILL) 2.2 S2 48" -5 -6 black fine to medium SAND with ash and broken 0.9 -7 with gravel and orange sand lenses; dry (FILL) -8 0.1 -9 black tan fine to silty fine SAND, 10 gray silt seams; moist 10 -10 S3 10' 48" 10 0.0 <u>-11</u> gray silty fine SAND, trace medium sand moist to wet -12 12 Approximate Water Table 0.0 -13 trace coarse sand; wet -14 14 15' 0.0 -15 <u>S4</u> 15' End of Boring at 15 feet; No Refusal 15 -16 -17 -18 -19 -20 **Groundwater Measurements** Summary Date Depth to Groundwater Measuring Point Overburden: Fill; Sand Rock: NA Well Depth: NA Boring: 15'

CDW Consultants, Inc.

Project No.: 1830.20 Client: City of Waltham BORING ID: GP3-4 Total Depth: 15' Location: 240 Beaver St Logged By: AMS Completed: 5/12/2022 Date Started: 5/12/2022 Contractor: Soil Ex Casing ID: Ground El. Sheet #: 7 Remarks: 6610 DT Geoprobe

£		Samp	le		T	T	E
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	48"	0		
-1					0.1	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2		
-3					0.0	brown to black fine to silty fine SAND, layered broken brick, concrete, tan fine sand.	
-4			5'		4 0.1	ash layers; dry (FILL)	
-5	S2		5'	48"	6		
-6					6	black fine to medium SAND with ash and broken	
-7					0.1	brick and coal pieces; dry	
-8					8		
-9			10'		0.3	black tan fine to silty fine SAND, gray silt layers; moist	
-10	S3		10'	60"	10	gray and a york more	
-11					0.9	gray silty fine SAND, trace medium sand	
-12					12	moist to wet Approximate Water Table	
-13					0.6	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; wet	
-14					14 14		
			15'		0.1		
-15	S4		15'		15	End of Boring at 15 feet; No Refusal	
-16					13		
-17							
-18							
-19							
-20							
	LL	Groundw	/ater Me	asure	mente	Summary	
Ē	Date					Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA	
****		l			1	Boring: 15'	·

CDW Consultants, Inc.

Project No.: 1830.20 Client: City of Waltham BORING ID: GP3-5 Total Depth: 15' 240 Beaver St Location: Logged By: AMS Date Started: 5/12/2022 Completed: 5/12/2022 Contractor: Soil Ex Casing ID: Ground El. Sheet #:

Remarks: 6610 DT Geoprobe

2		Samp	le		J		Ę
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	40"	0		
-1					0.1	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2		
-3					3.7	brown to black fine to silty fine SAND, layered broken brick, concrete, tan fine sand.	
-4			5		4 7.8	ash layers; dry (FILL)	
-5	S2		5'	48"		note: building materials of pasty caulking, glass and metals pieces	
-6					6	black fine to medium SAND with ash and broken	
-7					4.2	concrete and coal pieces; dry	
-8					8	Section (1)	
-9			10'		0.3	black tan fine to silty fine SAND, gray silt seams; moist	
-10	S3		10'	60"	10	9070111000	
-11					0.8	gray silty fine SAND, trace medium sand	
-12					12	moist to wet	
					0.1	gray fine to silty fine SAND, trace medium sand,	
-13					ļ	trace coarse sand with gravel pieces; wet	
-14				-	14		
			15'		1		
-15	S4		15'		0.0	End of Boring at 15 feet; No Refusal	:
-16					15		
-17							
-18							
-19							
-20							
		Groundw					
D	ate	Time	Depth to	Ground	dwater	Measuring Point Overburden: Fill; Sand	
						Rock: NA Well Depth: NA	
						Boring: 15'	
	l.	i				promise to	

CDW Consultants, Inc.

City of Waltham 240 Beaver St Project No.: 1830.20 Client: BORING ID: GP3-6 Total Depth: 15' Location: Logged By: AMS Date Started: 5/12/2022 Casing ID: Completed: 5/12/2022 Contractor: Soil Ex Ground El. Sheet #: 1 Remarks: 6610 DT Geoprobe

(F)		Samp	le		T		E
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	48"	0		
-1					0.1	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry	
-2					2	(FILL)	
					2.2		
-3					4	brown to black fine to silty fine SAND, coal pieces, concrete, tan fine sand.	
-4					4	ash layers; dry	
-5	S2		5' 5'	48"	0.5	(FILL)	
					6		
-6	-	****	<u> </u>	-	6	block fine to modition OAND with high and beginn	
-7				 	0.1	black fine to medium SAND with ash and broken concrete and coal pieces; dry	
					8		
-8				ļ	8		
-9				<u> </u>	0.3	black tan fine to silty fine SAND,	
			10'		10	gray silt seams; moist	
-10	S3		10'	60"	10		
-11					0.9		
				<u> </u>	12		
-12				1	12	Approximate Water Table gray fine to silty fine SAND, trace medium sand,	
-13				 	0.6	trace coarse sand with gravel pieces; wet	
					14	• ' '	1
-14			15'		14		
-15	S4		15'		0.1	End of Boring at 15 feet; No Refusal	
-16					15		
-10							1
-17							
-18							
-19							
-20							
		Groundw					
	ate	Time	Depth to	Ground	dwater	Measuring Point Overburden: Fill; Sand Rock: NA	
		· -				Rock: NA Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

Date Started: 5/12/2022
Casing ID:
Remarks Project No.: Total Depth:

Client:

City of Waltham 240 Beaver St

BORING ID: GP3-7

Sheet #:

Location: Completed: 5/12/2022

Ground El.

Logged By: Contractor:

AMS Soil Ex

1

6610 DT Geoprobe

et)		Sam	ple					
Depth (Feet)	C Type & Num.	Blows per 6 inches		Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	
0	S1		0'		50"	0		
-1						0.1	tan to brown fine SAND, little coarse sand trace medium sand and gravel; dry (FILL)	i
-2						2		
-3						0.1	brown to black fine to silty fine SAND, black coarse sand with crushed brick	
-4				5'		4	dry (FILL)	
-5	S2		5'		48"	0.2		
-6						6		
- 7						0.1	black fine to medium SAND with ash and bro with gravel and rounded pebbles; dry (FILL)	ken
-8						8		
-9						0.1	Martham San to Sile San CANID	
-9			-	10'		10	black tan fine to silty fine SAND, gray silt seams; moist	
-10	S3		10'		60"	10		
-11						0.0	gray silty fine SAND, trace medium sand moist to wet	
-12			+-			12	Approximate Water Table	
-13						0.0	trace coarse sand; wet	
·14			-			14 14		
				15'		0.0		
15	S4		15'			15	End of Boring at 15 feet; No Refusal	
16								
17								
18			 					
19			-					
20								
I		Ground	wate	r Me	asure	ments	Summary	<u></u>
D	ate	Time					Measuring Point Overburden: Fill; Sand	
			 				Rock: NA	
							Well Depth: NA Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth:

1830.20 15'

Client: Location: City of Waltham 240 Beaver St

BORING ID: GP3-8

AMS

Date Started: 5/12/2022 Casing ID:

Completed: 5/12/2022 Ground El.

Logged By: Contractor: Sheet #:

Soil Ex 1

6610 DT Geoprobe Remarks:

÷.	1	Samp	le		1		Ε
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	48"	0		
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2	VIL.	
-3					0.0	black fine to silty fine SAND, crushed brick, concrete, tan fine sand.	
-4			5'		1.2	ash layers with gravel; dry (FILL)	
- 5	S2		5'	48"	6		
-6 -7					2.9	black fine to medium SAND with ash and broken concrete and coal pieces; dry	
-8					8		
-9			10'		0.3	black tan fine to silty fine SAND, gray silt seams; moist	
-10	S3		10'	60"	10		
-11					0.4	gray silty fine SAND, trace medium sand moist to wet	
-12					12	Approximate Water Table	
-13					0.0	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; wet	
-14			15'		14		
-15	S4		15'		0.0	End of Boring at 15 feet; No Refusal	
-16							
·17							
-18							
-19							
-20							
		Groundy					
D	ate	Time	Depth to	Ground	dwater		
						Rock: NA Well Depth: NA	
						Boring: 15'	
		L					—

6610 DT Geoprobe

Remarks:

CDW Consultants, Inc.

Project No.: 1830.20 Client: City of Waltham BORING ID: GP3-9 Total Depth: 15' Location: 240 Beaver St Logged By: AMS Completed: 5/12/2022 Date Started: 5/12/2022 Contractor: Soil Ex Casing ID: Ground El. Sheet #: 1

(Fee		Samp			1	l i	=
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	42"	0		
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand and gravel; dry (FILL)	
-2					2		
-3					0.4	brown to black fine to silty fine SAND, black coarse sand	
-4	······································				4	dry	
-5	S2		5' 5'	48"	1.9	(FILL)	
-6					6		
-7					0.9	black fine to medium SAND with ash and broken with gravel and orange sand lenses; dry	
-8					8	(FILL)	
-0				<u> </u>	1		
-9					0.3	black tan fine to slity fine SAND,	
-10	S3		10' 10'	48"	10 10	gray silt seams; moist	
-11			10	40	0.0	gray silty fine SAND, trace medium sand	
					12	moist to wet	
-12					12	Approximate Waler Table	
-13					0.0	trace coarse sand; wet	
-14					14 14		
• •			15'				
-15	S4		15'		0.0	End of Boring at 15 feet; No Refusal	
-16					15		
-17							
-18							
-19							
-20							
		Groundy	vater Mo	asure	mente	Summary	
Da	ate					Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

Project No.: 1830 Client: City of Waltham BORING ID: GP4-1 Total Depth: 15 ft Location: 240 Beaver St Logged By: AMS Completed: 12/9/2019 Date Started: 12/9/2019 Contractor: Crawford Casing ID: Ground El. Sheet #: Remarks: 6610 DT Geoprobe

क्र		Samp	le		Τ		Ē
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	40"	0		
1					0.1	tan to brown fine SAND, little coarse sand	
-1				 	2	trace medium sand with wood and gravel; dry (FILL)	
-2				 	2	(I)LL/	
					0.0		
-3] 0.0	tan to gray fine to silty fine SAND,	
				ļ	4	little medium sand with glass; dry	
-4	-		5'	-	4	(FILL)	
-5	S2		5'	48"	0.1		
			<u> </u>	<u> </u>	6		
-6					6		
7					0.1	black fine to silty fine SAND, trace medium sand,	
-7	<u> </u>				8	with broken glass, concrete pieces; dry	
-8					8	(FILL)	
<u></u> _							
-9					0.3		
		1	10'	.1	10		
-10	S3		10'	60"	10		
-11					0.9	See Above	
				<u> </u>	12	OCC ADOVC	
-12					12	Approximale Water Table	
					0.6	gray fine to silty fine SAND, trace medium sand,	
-13						trace coarse sand with gravel pieces; moist to wet	
-14				 	14		
•••			15'				
-15	S4		15'			End of Boring at 15 feet; No Refusal	
-16							
-17							
-18							
-19							
-20							
~~							
	·	Groundw	ater Me	asure	ments	Summary	
E	ate	Time	Depth to	Ground	water	Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

 Project No.:
 1830

 Total Depth:
 15 ft

 Date Started:
 12/9/2019

Client: Location:

City of Waltham 240 Beaver St BORING ID: GP4-2 Logged By: Contractor: Completed: 12/9/2019

AMS Crawford

1

Casing ID:

Remarks:

6610 DT Geoprobe

Ground El. Sheet #:

	1	Samp	ole		T	
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description
0	S1		0'	40"	0	
-1					0.1	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)
-2					2	
-3					0.0	tan to gray fine to silty fine SAND,
-4			5'		4	little medium sand with wood and glass; dry (FILL)
-5	S2		5'	48"	0.1	
- 6					6 0.1	isterak iliae; কৈ আমুস নীম্ভ (SYXNIE), কিল্লুছে, কাল্ডামুল্ল semaj,
-7	ļ .		ļ			viita braven oliass, aspiaili piegės, conducite piteces, dhy (Elilla)
-8					8	(1:11-45);
-9			10'		0.3	(Special Adoptives)
-10	S3		10'	60"	10	
-11					0.9	gray fine to silty fine SAND, trace medium sand, moist
-12					12	Approximate Water Table
-13					0.6	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet
-14			451		14	
-15			15'			End of Boring at 15 feet; No Refusal
-16						
-17						
-18						
-19						
-20						
		Groundy				
C	ate	Time	Depth to	Groun	dwater	Measuring Point Overburden: Fill; Sand
				·		Rock: NA Well Depth: NA
						Boring: 15'
			L			1

CDW Consultants, Inc.

Project No.:

1830 Total Depth: 15 ft
Date Started: 12/9/2019 Client: Location:

City of Waltham 240 Beaver St Completed: 12/9/2019

BORING ID: GP4-3 Logged By: Contractor:

AMS Crawford

Casing ID: Remarks:

6610 DT Geoprobe

Ground El. Sheet #:

et)		Sam	ple				
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	i
0	S1		0'	40"	0		
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2		
-3					0.0	tan to gray fine to silty fine SAND,	
-4					4	little medium sand with wood and glass; dry (FILL)	
-5	S2		5'	48"	0.9		
-6			ļ		6		
-7					1.2	চিহ্নটো টাৰে ও ডাগ্লিটানে সিম্পিট কর্টে কর্টোক্রালিক্রটার আটি ক্রিট্রের ডাইরে এইরে এইরে ক্রটেক্রট টেন্স	
-8					8	(FILE)	
-9			10		0.7		
-10	S3		10'	40"	10	gray fine to silty fine SAND, trace medium sand,	
-11					0.2	moist	
-12					12	Approximate Water Table	
-13					0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
·14			15'		14		
15			13			End of Boring at 15 feet; No Refusal	
16							
-17							
-18							
19							
20							
1		Ground	vater Me	easure	ments	Summary	
D	ate	Time				Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

 Project No.:
 1830

 Total Depth:
 15 ft

 Date Started:
 12/9/2019

Client: Location:

Ground El.

City of Waltham 240 Beaver St Logged By: Contractor: Completed: 12/9/2019

BORING ID: GP4-4 AMS Crawford

1

Casing ID: Remarks:

6610 DT Geoprobe

Sheet #:

Rema	11 NS.	ום טוסס	Seoprob	C				
F	<u> </u>	Sam	ole	·	Т	<u>T</u>		
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)		Sample Description	Well Diagram
0	S1		0'	40"	0			
-1					0.0	trace medi	own fine SAND, little coarse sand um sand with wood and gravel; dry (FILL)	
-2					2			
-3					0.0		gray fine to silty fine SAND,	
-4			5	0	4	little medi	um sand with wood and glass; dry (FILL)	
-5	S2		5'	48"	0.9			
-6					6			
-7					1.2	સ્કૃષ્ટિ ફાઇપ્રોઇપાઇ સ્થિપ	siliy ilaa SAND, iraas medium sant ss, andaalinaases, conucus picoses diye (মোট্র)	
-8					8			
-9					0.7			
-10	S3 ·		10'	40"	10	 Christian Community of the Community of the	b black fine SAND, little gravel,	
-11					0.2		ace slit with wood; moist (FILL)	
-12				-	12 12	Approximate Water Table		
-13					0.1	gray fine to	silty fine SAND, trace medium sand, sand with gravel pleces; moist to wet	
-14			15		14			
-15			10			End of	Boring at 15 feet; No Refusal	-
-16								
-17								
-18								
-19								
-20								
		Care	voter **				Summan,	
D	ate	Grounds Time				Measuring Point	Summary Overburden: Fill; Sand	
							Rock: NA	
							Well Depth: NA Boring: 15'	
			I <u></u>				Dorling. 10	

CDW Consultants, Inc.

Project No.: Total Depth:

1830 15 ft

Date Started: 12/9/2019

City of Waltham Client: 240 Beaver St Location:

Ground El.

BORING ID: GP4-5 Logged By: Contractor:

AMS Crawford

Casing ID: Remarks:

6610 DT Geoprobe

Completed: 12/9/2019 Sheet #:

et î		Samp	le					
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Moll Diagram	
0	S1		0'	40"	0			
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)		
-2					2			
-3					0.9	tan to gray fine to silty fine SAND,		
-4			5	•	4	little medium sand with wood and glass; dry (FILL)		
-5	S2		5'	48"	0.1			
-6					6	bleckrine terally his SAND decementaries.		
-7					0.6	প্রাচিত্রকার্ভারভ্র ক্রান্ট্রা, বিশ্ব		
- 8					8			
-9			10'		0.4			
-10	S3		10'	40"	10	gray to black fine SAND, little gravel, trace silt with wood; moist		
-11					0.0	(FILL)		
-12					12	Approximate Water Table		
-13					0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet		
14			15'					
15						End of Boring at 15 feet; No Refusal		
16								
17								
18								
19								
20								
		Groundw	ater Me	asure	ments	Summary		
D	ate					Measuring Point Overburden: Fill; Sand		
						Rock: NA		
						Well Depth: NA		
						Boring: 15'		

CDW Consultants, Inc.

Project No.: 1830 Client: City of Waltham BORING ID: GP4-6 240 Beaver St Total Depth: Logged By: Contractor: AMS 15 ft Location: Date Started: 12/9/2019 Completed: 12/9/2019 Crawford Casing ID: Ground El. Sheet #: 6610 DT Geoprobe Remarks:

₩		Samp	ole		T		E	
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram	
0	S1		0'	40"	0			
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)		
-2					2			
-3					0.0	tan to gray fine to silty fine SAND,		
-4			5	<u>, </u>	4	little medium sand with wood and glass; dry (FILL)		
-5	S2		5'	48"	0.1			
-6				<u> </u>	6			
-7					0.0	bleek fine to sliv fine SyANID (frage medium sens). villalarden gjess, melejt dhy (मिनि)		
-8				 	8			
					1.6			
-9			10					
-10	S3		10 10'	45"	10	gray to black fine SAND, little gravel, trace sllt with wood; moist		
-11					0.0	(FILL)		
-12					 	Approximale Water Table		
-13					0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet		
-14				1	14			
			15'					
-15						End of Boring at 15 feet; No Refusal		
-16								
-17								
-18							i	
-19								
-20								
	Groundwater Measuren							
D	ate	Time	Depth to	Ground	dwater	Measuring Point Overburden: Fill; Sand		
						Rock: NA		
						Well Depth: NA Boring: 15'		
	<u> </u>	j				Boring: 15'		

CDW Consultants, Inc.

Project No.: Total Depth: 1830 15 ft Date Started: 12/9/2019

Client: Location:

Ground El.

City of Waltham BORING ID: GP4-7 240 Beaver St Logged By: Completed: 12/9/2019 Contractor: Sheet #:

AMS Crawford

Casing ID: Remarks:

6610 DT Geoprobe

et î		Samı	ole		<u> </u>	Sample Description		
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)			
0	S1		0'	40"	0	black asphalt and graded base	 Well Diagram	
-1					0.0	tan to gray fine SAND, trace gravel with broken concrete pieces; dry		
-2	1		-		2	(FIEL)		
-3					1.3	tan to gray fine to silty fine SAND, little medium sand; dry		
-4					4			
-5	S2		5'	48"	1.1			
-6					6	The fact that the second secon		
-7					0.9	black fine to silty fine SAND, trace medium sand, with wood; dry		
-8					8	(FILL)		
-9					0.3	see above with 6" concrete layer		
40	62		10'		10	(FILL)		
-10	S3		10'	60"	10			
-11					2.6			
-12					12	black fine to silty fine SAND, trace medium sand,		
-12					12	trace coarse sand; moist to wet		
-13					1.3			
-14								
-15			15'			End of Boring at 15 feet; No Refusal		
-16								
-17								
-18								
-19								
-20								
1	I	Groundy	vater Me	asure	ments	Summary		
D	ate	Time				Measuring Point Overburden: Fill; Sand		
						Rock: NA		
						Well Depth: NA Boring: 15'		
					1	poing. 15		

	Ground	lwater Measurements	3	Summary	
Date	Time	Depth to Groundwater	Measuring Point	Overburden:	Fill; Sand
				Rock:	NA
				Well Depth:	NA
				Boring:	15'

CDW Consultants, Inc.

Project No.: 1830 Client: BORING ID: GP4-8 City of Waltham Total Depth: 15 ft Location: 240 Beaver St Logged By: AMS Date Started: 12/9/2019
Casing ID: Completed: 12/9/2019 Contractor: Crawford Ground El. Sheet #: Remarks: 6610 DT Geoprobe

Ĕ	Sample							
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagran	
0	S1		0'	48"	0	black asphalt and graded base		
-1	1			 	0.0	ter to see a Constitution of the Constitution		
<u> </u>	<u> </u>			 	- 2	tan to gray fine SAND, trace gravel with a broken concrete pieces; dry		
-2					2	(FILL)		
					0.0	7		
-3	<u> </u>		<u> </u>	ļ	0.0	tan to gray fine to silty fine SAND,		
-4					4	little medium sand; dry		
<u> </u>			5'	-	<u> </u>	(FILL)		
-5	S2		5'	40"	0.9			
		-			6			
-6					6			
-7				 	1.9	black fine to silty fine SAND, trace medium sand,	ı	
-					8	with wood; dry (FILL)	ĺ	
-8				<u> </u>	8	(EIEC)		
					0.0			
-9						see above with 6" concrete layer		
10			10'	40"	10	ne de la companya de		
-10	S3		10'	48"	10	2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ĺ	
-11					8.0			
					12	black fine to silty fine SAND, trace medium sand,	- 1	
-12					12	trace coarse sand; moist to wet	- 1	
40					0.7	(FILL)		
-13							İ	
-14					14			
•••			15'			End of Boring at 15 feet; No Refusal	1	
-15								
							l	
-16								
-17					Į			
••							ĺ	
-18								
-19								
-20								
-20								
l		Groundw	ater Mea	asurer	nents	Summary		
D	ate					Measuring Point Overburden: Fill; Sand		
						Rock: NA	\neg	
						Well Depth: NA		
	<u>l</u> _					Boring: 15'		
Manual							1	